MATH 3A3 LECB Right cersoning at the now () is single but also hot realistic. My? Most surall settings has a max Study some to but subjects began at differe there so. to Stray Home For parausire medeling, just use to: for {i: co=13 Wy not upgrade our empirical second function to typica causing is. \$ (y) = 5 8 1/2 > 4 9=0 Virtin 4 0=1 or his drap Cernoul observiors? Servine birtel donnuals Syrand bird er expressed deputing deunwards 95 censord prestraining Com 95 deaths This is where Kenglon and Meier (1950) comes to the resume. 1 Euruse dier some for all subjects. 1) Events ar record instructionary so there no contrain between Congood and unempad among

Their ider is to renome all cereous observer from the "at rock pool" and not adjust the summel function at Censord this ti, , to be she unque orderel the for actual denotes les be the grape ordal some for consonerys 511- Sm let # of consorel dosentrons at the Si. Ei be de fine di 0 to=0 hz=4,-d1-21 gi, 61 EI NIA E 0 N/A because the 5, hronologist 43 = 42 -dz 56) Linear de 0 order to 40 = 43 - 92 does not change Sis do 96 the values of 22 hengene oto como (enso) Shower tek among membs for The bis. Kydny-Meier Esomon (K-M) => S(y) = TT (1- di) + the compired served truckers

{i; y=6i} if there is consorry Hespersel Interence It can be prom to be as proportilly home for when?

S(W) i N (S(W), Vor (S(W)))

Agree of ME Many Expressions for voince. Most common is  $Vm(\hat{S}(y)) = \hat{S}(y)^2 \sum_{\substack{n_i(n_i-d_i)}} \frac{d_i}{n_i(n_i-d_i)}$ See unappelm See linkypelin for proof

Interence for 0= MED(x), Use bonsong like sefore!

Mean extension impossible.

lets zon ne have sur papelson and samples Y1,1,-1/4, C1,1,-, C1,1,-, C1,1,-, C1,1,-, C2,12.

We can use the K-m esture ture to esture book survival distris:

Now we want to prove Ha: Obl, \$\neq 06l2. We can't use K-5 anymore as this issis valid with consoring. One possibility is so pick a parameter of the come and compare e.g.

Hn: hed (r) + Med (r) => PGP, + PGP2

To test difference 14 redians, les 3:= agin \(\frac{2}{5}, \frac{1}{7} - agin \(\frac{2}{5} \) \(\frac{1}{7}\) - agin \(\frac{2}{5} \) \(\frac{1}{7}\)

And Am use bootsony. If O & CIO,1-X => Right Ho

This difference in rediens is would not you won anymy.

But leto say you really him to prove Ity: Dof + Dok

Thre is a test collab the Margel-Cox test or Log Rook" ton

Thy proved that:  $\hat{\theta} = \frac{\left(O_1 - E_1\right)^2}{\bar{E}_1} + \frac{\left(P_2 - E_2\right)^2}{\bar{E}_2} \xrightarrow{d} \mathcal{L}_1^2$ Similar +0 chise +x of independence ne sur is 341 class Who is "downed"? It's the sum of the # of observed ours in each gruy 0;= & dic, 02:= & dz,i Why is "copected"? It is the sym of the copected number of crows our all ti un:  $E_{l,i} = \frac{h_{l,i}}{h_{l,i} + h_{e,i}} \left( d_{l,i} + d_{l,i} \right)$ 1 E2, 2 = 42,0 (dui+drie) E = SEni

of ships across both group at the ti ar mkin 豆= 是最流

> Konnenber hi's accous for ansands

1 Loub

=> Eni+Fri = dui+drie It's apportioning the curs army The group in pregnoon to # of gulicears. If ohis is the some as the though score Every there's no offere

between de sua pap's.